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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 19th March 1960

Special Notice

The following Group of Abridgments of Patent Specifications has been published and copies thereof are available for sale with the Manager of Publications, Civil Lines, Delhi at Re. 1 per copy.

Copies are also available for sale at the Counter of the Government of India Book Depot, 8, Hastings Street, Calcutta on cash payment.

Group XXIV —Paper and leather.

(Containing Abridgments of Patent Specifications between Nos. 35,001 and 40,000).

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

3rd March 1960

70955. WURTTENBERGISCHE SPINDELFABRIK G.m.b.H. Movable bearing for spinning or twisting spindles. (8th December 1959).
- 70956 A. C. Padamsee. Improvements in or relating to vacuum flasks.
70957. ALEMBIC CHEMICAL WORKS COMPANY LIMITED. Processes for preparation of organic compounds.
70958. ELEKTROKEMISK A/S. Improvements relating to aluminium electrolysis furnaces. [Addition to No. 59615].
70959. HOTCHKISS-BRANDT. Improved nozzle and tail-plane device for a self-propelling missile.
70960. UNION CARBIDE CORPORATION. Inter-cell connection and sealing of secondary batteries in series. (15th October 1959).
70961. P. S. BANARSE INDUSTRIES (INDIA) PRIVATE LIMITED. Improvements in or relating to tumbler switches.

4th March 1960

70962. SHRI RAM INSTITUTE FOR INDUSTRIAL RESEARCH. An improved process for the production of alkyl chlorides.
70963. AVESTA JERNVERKS AKTIEBOLAG. Improvements in and relating to selective reduction of chrome ore.
70964. S. P. MULLICK & CO. Improvements in or relating to base for headstock for tube well pumps.

70965. Asit Baran Basu. Improvements in or relating to generating set.
70966. SKF KUGELLAGERFABRIKEN Gesellschaft mit beschränkter Haftung. Improvements in or relating to textile drafting mechanism.
70967. SKF KUGELLAGERFABRIKEN Gesellschaft mit beschränkter Haftung. Improvements in or relating to textile drafting mechanism.
70968. SKF KUGELLAGERFABRIKEN Gesellschaft mit beschränkter Haftung. Improvements in or relating to textile drafting mechanism.
70969. E. P. Raju. Improvements in or relating to automobiles or like vehicles fitted with theft prevention devices. [Addition to No. 62094].
70970. JOY MANUFACTURING COMPANY. Mine haulage vehicle.
70971. ARMORIDE LIMITED. Improvements in or relating to the manufacture of laminates. (20th January 1960).
70972. DEUTSCHE GOLD-UND SILBER-SCHNEIDANSTALT VORMALS ROESSLER. Haloalkylamine and process for its production. (24th February 1960).
70973. DEUTSCHE GOLD-UND SILBER-SCHNEIDANSTALT VORMALS ROESSLER. Homopiperazino derivatives and process for their production. (25th February 1960).
70974. AMERICAN CYANAMID COMPANY. Process of preparing amides. (6th January 1960).
70975. AMERICAN CYANAMID COMPANY. Substituted trioxo-octahydroanthracenes and octahydronaphthalenes. (6th January 1960).
70976. AMERICAN CYANAMID COMPANY. Pentacyclic steroids and methods of preparing the same. (18th December 1959).

5th March 1960

70977. KAY ENGINEERING COMPANY. Improvements in or relating to self aligning three pin switch socket.
70978. KAY ENGINEERING COMPANY. Improvements in or relating to flush type switch.
70979. KAY ENGINEERING COMPANY. Improvements in or relating to self aligning three pin socket.
70980. Imperial Chemical Industries Limited. New nitrogenous organic compounds. (1st April 1959).
70981. Imperial Chemical Industries Limited. New azo dye-stuffs. (22nd April 1959).
70982. THE GOODYEAR TIRE & RUBBER COMPANY. Improvements in cracking of olefins.

70983. International Computers and Tabulators Limited. Improvements in or relating to digital summing circuits. (12th March 1959).
70984. D. NAPIER & SON LIMITED. Regulation of gas turbine power units. (9th March 1959).
70985. Dr. H. Piffko. Purification process.
70986. E. M. Schaverien. Improvements in and relating to taps. (6th March 1959).
70987. M. Tokime and M. Kumura. Process for production of cyanuric chloride.
70988. HOKKAIDO TANKO KISEN KABUSHIKI KAISHA. Phosphate fertilizer composition and the method of manufacture thereof.

7th March 1960

70989. R. S. Jaganathan. Foldable wind hood.
70990. L. & C. Steinmuller G.M.B.H. Improvements in or relating to division wall in water-tube boilers.
70991. M. G. Kore. Spring action spiral gravity hinges.
70992. OLIN MATHIESON CHEMICAL CORPORATION. Purification process.
70993. PARKE, DAVIS & COMPANY. Triphenylmethane dye salts and methods for their production.
70994. WESTINGHOUSE BRAKE & SIGNAL COMPANY LIMITED. Improvements in inverter circuits employing semi-conductor switching devices. (18th March 1959).
70995. WESTINGHOUSE BRAKE & SIGNAL COMPANY LIMITED. Improvements in inverter circuits employing semi-conductor switching devices. (18th March 1959).
70996. IMPERIAL CHEMICAL INDUSTRIES LIMITED. New azo dyestuffs. (19th May 1959).
70997. T. Ueda and T. Tsuji. Therapeutic preparations.
70998. THE MINISTER OF MINES FOR THE STATE OF SOUTH AUSTRALIA. Separation of iron from ores and minerals. (10th March 1959).
70999. The Wellcome Foundation Limited. Quaternary ammonium compounds, the preparation thereof and the pharmaceutical compositions thereof. (13th March 1959). [Addition to No. 59896].

8th March 1960

71000. GLAZO LABORATORIES LIMITED. Vaccines. (12th March 1959).
71001. LES SUCCESSEURS DE GROSSELIN ET DE-HAIRE. Belt control system for worker rollers of nap raising machines.
71002. ELEKTROKEMISK A/S. Improvements relating to carbon electrodes for electrolytic aluminium furnaces and to electrode paste for producing such electrodes.
71003. THE MONOTYPE CORPORATION LIMITED. Improvements in or relating to photo-type composing machines. (13th March 1959).
71004. E. FROHLICH A.G. Weaving shaft.
71005. The Wellcome Foundation Limited. Quaternary ammonium compounds, the preparation thereof and pharmaceutical compositions thereof. (13th March 1959).
71006. KOPPERS COMPANY, INC. Improvements in or relating to pyridine carboxylic acid preparation.
71007. ELEKTRO-THERMIT G.m.b.H. Casting moulds for the aluminothermic welding of rails.
71008. DAIWA BOSEKI KABUSHIKI-KAISHA. Slip draft device in a spinning machine.
71009. M. S. SIDDAPPA BROTHERS. A turn-table to keep the telephone named "Phonopoy".

9th March 1960

71010. C. R. B. Menon, M. P. R. Pillai. Process for the preparation of chlorophyll from cow dung.
71011. PREPARATION INDUSTRIELLE DES COMBUSTIBLES. Improvements in or relating to pressure filtration.
71012. THE GOODYEAR TIRE & RUBBER COMPANY. Improvements in anti-skid system—electric circuit.

71013. LARRAD (HYDRAJAWS) LIMITED. Improved locating or holding devices. (19th May 1959).
71014. NOPCO CHEMICAL COMPANY. Preparation of vitamin a intermediate.
71015. SIMON-CARVES LIMITED. Improvements relating to carbonised fuel briquettes. (17th March 1959).
71016. ROHM & HAAS COMPANY. Aldehydes and method of preparation.
71017. CLAYTON DEWANDRE COMPANY LIMITED. Improvements in or relating to fluid pressure operated servo braking mechanisms.
71018. The Austin Motor Company Limited. Production of cushioned seats. (26th March 1959).
71019. WESTINGHOUSE ELECTRIC CORPORATION. A continuous process for producing semi-conductor devices.
71020. FARBWERKE HOECHST AKTIENGESELLSCHAFT vormals Meister Lucius & Bruning. Process for the manufacture of polyethylene.
71021. FARBWERKE HOECHST AKTIENGESELLSCHAFT vormals Meister Lucius & Bruning. Process for the manufacture of 2-(2'-aminoaryl)-4, 5-arylene-1, 2, 3-triazole-1-oxides.
71022. RHEINMETALL G.M.B.H. Improvements in or relating to hydraulic shock absorbers.
71023. SOCIETE DES BREVETS J.A. GREGOIRE. Improvements in stretchers and the like hand operable conveyances.
71024. CIBA LIMITED. Process for the manufacture of steroids containing an 11 β : 18-oxygen bridge.
71025. CIBA LIMITED. Pharmaceutical preparations having an antiatheromatotic action.
71026. DR. SCHWARZ ARZNEIMITTELFABRIK GmbH. Process for preparing a ferro-glycine-sulphate complex.
71027. R. Kochar. Improvements in or relating to planing, shaping and slotting machines.
71028. ERNST JACOBI & CO. KG. Improvements in or relating to textile machinery.

Alteration of Date

65361. The claim to priority date 28th September 1957 has been disallowed and the application dated as of 24th September 1958, the date of filing in India.
65843. The claim to priority date 3rd December 1957 has been abandoned and the application dated as of 17th November 1958, the date of filing in India.
70758. Ante-dated to 8th September 1958 under Section 5 of the Act.
70759. Ante-dated to 8th September 1958 under Section 5 of the Act.
70760. Ante-dated to 8th September 1958 under Section 5 of the Act.
70761. Ante-dated to 8th September 1958 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates, allowed under Section 78-A of the Act.

64346. Sandoz Ltd. Process for the preparation of the Lactones of Isodeserpic Acid and Isoreserpic Acid. (3rd April 1958). Accepted on 3rd March 1960.
A corresponding 3-dehydrolactone is reduced by known methods.
64347. Sandoz Ltd. Process for the manufacture of reserpine-like compounds. (3rd April 1958). Accepted on 3rd March 1960.
A substituted deserpic lactone is converted into a methyl ester and the 18-oH group is esterified by acids excepting trimethoxy benzoic/cinnamoyl acid.
64890. The O. Hommel Company. Low temperature enamelling composition and process of enamelling steel wares. Accepted on 4th March 1960.
Comprises a mixture expressed from analysis containing mol. percentage of Na_2O 13.9 to 17.3, K_2O 0.4 to 3.0, B_2O_3 7.5 to 13.1, SiO_2 33.4 to 33.7, CaO 1.0 to 15.6, and the balance of at least one or more of metal oxides of the group consisting of Li_2O , CuO , MgO , TiO_2 , PbO , Al_2O_3 , BaO , ZrO , P_2O_5 , NiO , Co_3O_4 and fluorides.
64994. J. R. Geigy A.-G. Process for the production of α -aryl-W-amino alkanolic acids and derivatives thereof. Accepted on 17th February 1960.
Hydrogenating α -aryl-cyanoacetic acid ethyl ethers to α -aryl- β -aliamines which in turn are subjected to reductive alkylation to the corresponding N-alkyl derivatives.
65086. The Upjohn Company. New Progestational steroids. Accepted on 29th February 1960.
Dehydrating a 5 α , 17 α -dihydroxy-6 β -methyl pregnan-3:2-dione with a compound selected from strong acids and alkali metal hydroxides.
65131. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to low-pressure mercury vapour discharge tubes. Accepted on 3rd March 1960.
Characterised in that each electrode is surrounded by a chrome-iron disintegration screen which is insulated from it.
65136. G. M. Adie. Concrete and other structures. (3rd September 1957). Accepted on 3rd March 1960.
A cellular monolithic structure the intercellular spaces in which form a regular three-dimensional grid.
65140. N. V. De Bataafsche Petroleum Maatschappij. Process for the polymerization of aliphatic olefins. Accepted on 4th March 1960.
Characterized in that the ratio by weight of alumina to silica in the catalyst is in the range of from 15:85 to 40:60.
65142. Ateliers Houget, Societe Anonyme Vervietoise pour la Construction de Machines. Improvements in ring spinning frames. Accepted on 4th March 1960.
Increasing the ratio between the spinning tension and the ballooning tension.
65157. Merck & Co. Inc. Chemical compounds and processes for preparing the same. (26th December 1957). Accepted on 8th March 1960.
Reacting an alkali metal enolate of 11-keto-21-alkoxyallyl-16 α -alkylprogesterone with a halogen.
65159. The English Electric Company Limited. Improvements in and relating to electric resistors. Accepted on 8th March 1960.
Comprising a number of solid resistor elements arranged alternately with a number of insulating barriers and connectors between adjacent resistor elements.
65160. The English Electric Company Limited. Improvements in and relating to hydraulic turbines of the impulse (Pelton) type. (16th September 1957). Accepted on 8th March 1960.
Of the bucket wheel type, wherein a by-pass inside the turbine casing is inserted between the inlet piping and the turbine nozzle and is controlled by a discharge regulator.
65172. The General Electric Company Limited. Improvements in or relating to dynamo electric machines. (11th September 1957). Accepted on 9th March 1960.
Stator is mounted in an inner frame supported in an outer frame by resilient means comprising a number of beam springs arranged parallel to the machine axis.
65173. The General Electric Company Limited. Improvements in or relating to refractor members for use in lighting fittings. (13th September 1957). Accepted on 9th March 1960.
Prisms in each main set are so formed that in any width plane which intersects them light rays which would be incident on the prisms from a point light source lying on the central plane of symmetry at some point between two boundary planes perpendicular to depth axis would be deviated towards top of refractor.
65174. Titan Co. A/S. Method for desulphurizing iron. Accepted on 9th March 1960.
Desulphurising iron produced by reduction of ores wherein hot reaction mixture is cooled in reducing atmosphere to 1100°C and thereafter desulphurizing agent is added, and the mixture gradually cooled in neutral atmosphere.
65184. Union Des Verreries Mecaniques Belges Societe Anonyme. Process and apparatus for obtaining electrically conductive coatings on the surface of objects consisting of glass or ceramic materials. Accepted on 4th March 1960.
Characterized in that the active product employed in the formation of the electrically conductive coating is used in the anhydrous state and is carried into contact with the object to be treated by one or more current of dry gas.
65185. Union Des Verreries Mecaniques Belges Societe Anonyme. Process for the production of electrically conductive coatings and products obtained by this process. Accepted on 4th March 1960.
There is projected on the surface simultaneously with tin halide a compound chosen from a group comprising molybdenum and columbium, which compound may be accompanied by fluorine compound.
65223. Carrier Corporation. Reciprocating compressor. Accepted on 8th March 1960.
Wherein the crankcase has an opening in communication with the lubricant sump and has means placing the lubricant sump in communication with the motor chamber.
65230. Council of Scientific and Industrial Research. Improvements in or relating to hot-dip aluminising of steel. Accepted on 4th March 1960.
Aluminising ferrous materials using boiled linseed oil as the fluxing agent, prior to hot-dip aluminising.
65252. Sandoz Ltd. 3-alkyl-mercapto-phenthiazine derivatives production. (8th July 1958). Accepted on 9th March 1960.
Treating tertiary amine with sulphur dihalide.
65284. Syntex S.A. New cyclopentanophenanthrene derivatives and processes for the production thereof. Accepted on 8th March 1960.
Reacting a C-2 unsubstituted steroid with ethyl formate followed by reaction with acid anhydride or acyl halide.
65289. Imperial Chemical Industries Limited. New thermoplastic moulding compositions and articles produced therefrom. (2nd October 1957). Accepted on 4th March 1960.
Admixture of rubbery copolymer of butadiene and acrylic acid ester, polyvinyl chloride particles coated with insoluble infusible synthetic resin and uncoated similar particles.

65290. British Insulated Callender's Cables Limited. Improvements in or relating to strain insulators. (20th September 1957). Accepted on 4th March 1960.
- Comprising a sleeve of malleable metal in which the end of the rod is held by a compression joint between the sleeve and the rod.*
65361. Prof. Dr. Ing. A. Bugan. Concrete reinforcing bar. Accepted on 8th March 1960.
- Rolled concrete reinforcing bar with middle-deep hollows in which only fine grained concrete can enter.*
65389. Union Carbide Corporation. Cement bonded cathodes for dry cells. Accepted on 4th March 1960.
- Comprises finely divided carbonaceous particles and finely divided oxidic depolarizing particles united together by an inorganic cement.*
65417. Houilleres Du Bassin De Lorraine. Method of making coke, more particularly metallurgical coke, from coals having a high percentage of volatile matter and a high swelling index. Accepted on 3rd March 1960.
- Adding to the coal to be carbonised, either coke breeze or semi-coke or a mixture of these and carbonising the thus obtained coking paste.*
65446. Montecatini Societa Generale Per L'Industria Mineraria E Chimica, and K. Ziegler. Method of improving the mechanical characteristics of articles formed from linear, crystallisable high molecular weight alpha-olefin polymers. Accepted on 4th March 1960.
- Subjecting the shaped article to compression by passing through rollers.*
65528. Consortium Fur Elektrochemische Industrie G.M.B.H. Process for the manufacture of organic carbonyl compounds like aldehydes and ketones. (27th June 1958). Accepted on 8th March 1960.
- Reacting olifinically unsaturated hydrocarbons at 0–200°C with aq. solution of metal compound of platinum group in presence of oxidising agent having oxidation potential higher than of platinum compound.*
65529. Consortium Fur Elektrochemische Industrie G.M.B.H. Process for the manufacture of carbonyl compounds like aldehydes and ketones. (11th July 1958). Accepted on 8th March 1960.
- Oxidising olifinically unsaturated hydrocarbons with oxygen aq. solution of metal compound of platinum group, polyvalent metal salt and halogen ions at upto 200°C.*
65550. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Method of dimerizing lower alpha-olefins. Accepted on 8th March 1960.
- Dimerising lower α -olefins in the presence of a catalyst formed by contacting an alkoxide of a transition metal of Group IVa, Va or VIa with an alkyl metal compound of a metal of Group I, II or III.*
65600. Lysaght's Works Pty. Limited. Metal Decking sheets incorporating flange locking arrangements. Accepted on 7th March 1960.
- Comprising at least one tongue on male flange able to ride resiliently against the first web of a similar sheet channel while being laterally entered.*
65610. Council of Scientific and Industrial Research. Improvements in or relating to the production of chemically bonded metal clad or unclad basic refractories. Accepted on 4th March 1960.
- Obtaining a mix by adding to crushed and dead burnt magnesite, a stable oxychloride cement, and pressing the mix into bricks of required shapes.*
65625. American Cyanamid Company. Catalytic reduction of 6-hydroxy hydronaphthacenes. Accepted on 4th March 1960.
- Wherein a polar solvent solution of a 6-hydroxy hydronaphthacene is contacted with hydrogen in the presence of a finely divided rhodium catalyst.*
65651. G. Neidl. Improvements in and relating to rotary pumps, particularly for delivery of sewage thick slurries and the like liquids. Accepted on 7th March 1960.
- Wherein a rotary pump member is mounted in inclined relation on a shaft which is rotatable within a stationary housing.*
65691. G. Zambon & C. S.p.A. Process for the production of a chemotherapeutically effective ester of chloramphenicol. Accepted on 3rd March 1960.
- Reacting chloroamphenicol with halogenated acetyl halide in organic solvent and basic matter aminating the resulting product.*
65694. Nopco Chemical Company. Conversion of unsaturated aldehydes to the corresponding alcohols. (12th September 1958). Accepted on 4th March 1960.
- Preparing an aqueous alkaline homogenous single phase system containing the α : β -unsaturated aldehyde and formaldehyde, reacting the α : β -unsaturated aldehyde and formaldehyde and recovering the resulting α : β -unsaturated alcohol.*
65695. Imperial Chemical Industries Limited. Malting of barley. Accepted on 4th March 1960.
- Moistening barley with an aqueous solution or suspension of gibberellic acid product.*
65837. Bata Shoe Company Private Limited. Shoe pressing machines. (27th December 1957). [Addition to No. 60539]. Accepted on 7th March 1960.
- A pivotally movable pressing element mounted above the expansible pressing element the former being engagable with the latter to form a pressing cavity for a lasted shoe.*
65843. The Wellcome Foundation Limited. Improvements in or relating to novel amidines and the preparation thereof. Accepted on 8th March 1960.
- An aminoalkoxyarylene nitrile is converted to aminoalkoxyarylene amidine by known methods for such a conversion.*
65851. Cable Belt Limited. Improvements in or relating to rope-driven belt conveyors. (13th December 1957). Accepted on 5th March 1960.
- Rope engaging means on the belt are spaced inwardly from edges thereof, the edge portions of the belt beyond the rope-engaging means being stiffened so as to be resistant to bending.*
65910. Benjamin Foster Company. Improvements in or relating to fire-retardant intumescent coating compositions. (31st July 1958). Accepted on 5th March 1960.
- Composition comprises a dispersion of unexfoliated vermiculite in a permanently thermoplastic vehicle which will char but will not itself support combustion.*
66004. Ciba Limited. New hydroxy-ketones and process for their manufacture. Accepted on 7th March 1960.
- Reacting dihalide of cyclic dicarboxylic acid with compound of benzene series in presence of Friedel-Crafts catalyst.*
66049. Sudhir Lal Mukherjee, C/o Albert David Limited. A process for manufacture of sulphonamide derivatives. Accepted on 4th March 1960.
- Reacting R SO₂NH₂ with disubstituted urea R'' NH CO NH R' when R , R' & R'' are phenyl, alkyl & nitro radical respectively.*
66084. Canadian Ingersoll-Rand Company, Limited. Log barking device. Accepted on 3rd March 1960.
- A drum comprises a plurality of axially spaced rotatable hoops welded together by a plurality of elongated staves.*
66100. N. V. De Bataafsche Petroleum Maatschappij. Process for the catalytic desulphurization of hydrocarbon oils. Accepted on 3rd March 1960.
- Characterized in that the liquid material from the high-pressure separation zone is expanded in stages in an intermediate-pressure separation zone and a low-pressure separation zone.*

66128. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improvements in or relating to the polymerisation of vinyl ethers. Accepted on 25th February 1960.
- Polymerising vinyl ethers of formula $CH_2=CHOR$ ($R=alkyl, cycloalkyl$ or $aryl$) in the presence of a catalyst comprising a bimetallic complex of titanium and aluminium.*
66228. Council of Scientific and Industrial Research. Improvements in or relating to wheel mounting mechanisms. Accepted on 7th March 1960.
- Comprising a swivelling mechanism including two extensions or beams on each side of the vehicle framework, and a wheel frame attached to the beams or extensions.*
66254. Schaku Scharfenbergkupplung G.m.b.H. Automatic coupling for vehicles, particularly for railway vehicles. Accepted on 8th March 1960.
- Consisting of a rotating hook-plate and a coupling link pivoted thereto.*
66276. Maschinenfabrik Burckhardt A. G. Improvements relating to hollow concentric compound cylinders. Accepted on 5th March 1960.
- Comprises two cylinders shrunk over one another wherein the inner cylinder is made of a material having a higher modulus of elasticity than the outer cylinder.*
66317. Imperial chemical Industries Limited. Rockets. (8th January 1958). Accepted on 4th March 1960.
- External surface of rocket motor nozzle and surface of an extension to the nozzle has a coating of a material capable of ignition at the temperature attained by the nozzle.*
66326. Zahnradfabrik Friedrichshafen Aktiengesellschaft. Improvements in or relating to change speed gears. Accepted on 3rd March 1960.
- Wherein connecting flanges are provided at one end of the gear box casing for the connection thereto of an external gear drive.*
66328. Armstrong Siddeley Motors Limited. Improvements in and relating to gas bearings. (13th January 1958). Accepted on 7th March 1960.
- Rotatively supporting a high speed rotor from a hydrodynamic gas bearing which involves using a stationary shaft, providing the rotor with a bore to form a bearing surface, and arranging for the ratio of overlapped lengths of these bearing surfaces to their mean diameter.*
66383. M/s. Karamchand Premchand (Private) Ltd. A new process for the preparation of isonicotinic acid. Accepted on 8th March 1960.
- Oxidising condensation product of gammapicoline and formaldehyde with nitric acid.*
66389. Koppers Company, Inc. Improvements in or relating to glycidyl ether of polyhydric phenols. Accepted on 1st March 1960.
- By heating a solution of polyhydric phenol in epichlorohydrin and adding a half molar equivalent of alkali metal hydroxide while maintaining the solution under total reflux and thereafter adding half molar equivalent of said alkali while distilling vapours of water and epichlorohydrin from the reaction mixture.*
66471. Vaessen-Schoemaker Holding N. V. Process for the preparation of amylose solutions. Accepted on 7th March 1960.
- Dissolving amylose in aqueous solution containing 6% by wt. of formaldehyde or glyoxal.*
66457. Farbenfabriken Bayer Aktiengesellschaft. Process for the polymerisation of chloroprene. (31st December 1958). Accepted on 8th March 1960.
- Chloroprene is polymerised in aqueous dispersion or emulsion in the presence both of a boron trialkyl and of sulphur.*
66525. Gresham & Craven Limited. Improvements relating to railway vacuum braking apparatus. (3rd February 1958). Accepted on 4th March 1960.
- Valve arrangement by which a communication is maintained open whilst the train pipe vacuum is constant at or above a predetermined value or is increasing upto that value and is maintained closed whilst the train pipe vacuum is constant.*
66547. American Cyanamid Company. Improvement in or relating to the production of antibiotics. (21st November 1958). [Addition to No. 41041]. Accepted on 2nd March 1960.
- Acrobically fermenting an aqueous nutrient medium with Streptomyces aureofaciens said medium containing principally starch and glyceride oil.*
66549. Starnicarbon N. V. Device for supplying material in lump form, particularly non-round pieces, to juxtaposed places located in a horizontal plane. [Addition to No. 61023]. Accepted on 4th March 1960.
- The device of Indian Patent Specification No. 61023 characterized by the angle of inclination of the sloping plane and the position of the guide blades of the feeder relative to the sloping plane.*
66587. Walzwerk Neviges Willy H. Schlieker & Co. Improvement in a device for measuring the hysteresis and eddy-current losses of sheets of ferromagnetic material. [Addition to No. 57282]. Accepted on 8th March 1960.
- Instead of a wattmeter with self connection arrangement a differential current transformer is used the wattmeter having a voltage coil connected to receive voltage from the induction coil connected through the differential current transformer to the magnetising coil and the induction coil.*
66556. Pirelli-General Cable Works Limited. Improvements in or relating to electric cable joints. (25th February 1958). Accepted on 4th March 1960.
- Wherein for attachment to each non-circular conductor, the ferrule has at least a tubular end member having its internal periphery conforming to that of the said conductor.*
66702. J. Pakozdi and B. Sabo. Moulding apparatus for hollow construction elements. Accepted on 4th March 1960.
- Comprises detachable pedestals removably securing side and end-walls of a main support platform and a plurality of cores suspended by said end walls.*
66718. Birtfield Engineering Limited. Improvements in or relating to Torque limiting clutches. (12th February 1958). Accepted on 4th March 1960.
- Comprising a driving member and a driven member or which one comprises a first element having a spring loaded member projecting therefrom and the other comprises a second element having a recess therein into which spring loaded member engages to constitute drive means between the two elements.*
66720. Swindon Tool Company Limited, and K. G. Empson. Improvements in or relating to infinitely variable speed belt drives. (12th February 1958). Accepted on 5th March 1960.
- Comprising one or more movable elements each having opposed conical belt-engaging faces, a pair of outer sheave elements, the teeth between the slots in one movable element being adapted to slide axially within the slots in another movable element.*
66797. Constock International Methane Limited. Means for the transportation and storage of cold boiling liquefied hydrocarbon gas. Accepted on 4th March 1960.
- Characterized in that means include a housing of a fluid and vapour impervious material, a thick layer of insulating material lining, a tank within insulated housing, means mounting the tank with the insulated housing water applying means for wetting the outer face of the insulated wall of the housing for temperatures control.*
66847. Mc Dowell Company Inc. An apparatus for blending and mixing different finely divided materials. Accepted on 4th March 1960.
- Apparatus includes, means for transporting materials in predetermined amounts, a rotating vessel, means for spraying the materials with water means for delivering the materials, and means for distributing the materials in uniformly intermingled arrangement of its small and larger constituents into the bed of a sintering machine.*

66878. Gordon Walker & Co. Improvements in or relating to digestors of the type used for digesting bones, horns, leather and like materials. Accepted on 7th March 1960.
Comprises a pressure vessel, a steam raising kettle for generating steam, a pipe connection and fire chamber for heating.
66884. Linotype and Machinery Limited. Improvements relating to sheet feeder apparatus for printing machines. (12th March 1958). Accepted on 5th March 1960.
Provided with a mechanism for controlling stoppage of the press by a no-sheet trip element at the feed-board.
66888. Shri Ram Institute For Industrial Research. Improvements in or relating to the manufacture of mineral fibres. Accepted on 7th March 1960.
Melting a mixture of minerals, blowing the melt with a compressible fluid, wherein the blowing of fibre filaments and beads is directed at an upward angle to separate the fibre filament from beads and the blown mass is made to strike against a wall causing further separation of fibre filaments and beads.
66894. Koehler Manufacturing Company. Focussing head piece for miner's electric cap lamp. Accepted on 4th March 1960.
Comprising a lamp detachably mounted in a lamp enclosure body, an electrical switch mechanism for controlling operation of the lamp and focussing means responsive to movement of the electrical switch mechanism.
66923. V. K. Paranjape. Reclamation of metallic aluminium from aluminium foundry waste. Accepted on 8th March 1960.
Subjecting the aluminium foundry waste to concentration by air and/or water floatation.
66924. M. A. Chaudary. Improvement in and relating to cotton gins. Accepted on 4th March 1960.
Providing two rollers arranged one above the other connected to one crankshaft having two eccentrics to operate both the knives.
66932. W. & T. Avery Limited. Improvements connected with steelyard type weighing apparatus. Accepted on 5th March 1960.
Wherein the load fulcrum bearing is carried by a saddle having an adjustable mounting on and within the housing.
66985. Magnetic Heating Corporation. Method of an apparatus for welding of metal strips. Accepted on 4th March 1960.
Causing high frequency current to flow along the two edges of metal strips to be welded, forcing the heated edges into contact under pressure, controlling the degree of concentration of the flowing current to bring about an uniform degree of heating to welding temperature.
67003. H. D. Hudson Manufacturing Company. Spraying Apparatus. Accepted on 8th March 1960.
Characterized by a pump unit being adapted for insertion in a tank which is provided with upper and lower retaining means.
67035. W. H. Sanders (Electronics) Limited. Improvements relating to a magnetic recording and reproducing unit. Accepted on 9th March 1960.
Part of the driving means co-operates with the turntable wherein the weight of the unit is wholly supported by the turntable.
67085. Simplex Electric Company Limited. Improvements relating to electrical connectors. (22nd March 1958). Accepted on 5th March 1960.
Wherein one of the connector members has a body affording a bore or socket within which are disposed the contact elements at spaced apart position, and a masking member mounted within the bore or socket and normally preventing access to the contact elements.
67096. Imperial Chemical Industries Limited. Improvements in or relating to the treatment of gases. [Addition to No. 62360]. Accepted on 7th March 1960.
Fibre filter for removal of fine particles from gases is composed of "non-Wettalle" fibres having diameter in the range of 5 μ to 50 μ .
67151. D. Napier & Son Limited. Torque meters included in epicyclic transmission gearing. (28th March 1958). Accepted on 5th March 1960.
Annulus gear and its casing being provided with a series of circumferentially spaced vanes alternating with one another to form a series of hydraulic pockets.
67154. R. Graesser Limited. Improvements relating to apparatus for contacting liquids. (26th March 1958). Accepted on 8th January 1960.
Comprising a container divided into alternate settling chambers and mixing chambers, the latter being provided with means for causing streams of each liquid to flow through the other liquid.
67348. E. K. Cole Limited. Improvements in or relating to television receivers. (10th May 1958). Accepted on 3rd March 1960.
Means are provided for deriving the reference pulse by differentiating negative going pulses obtained from the line time base out-put stage during line-flyback periods.
67353. R. Garstenauer. Method of constructing a roof covering. Accepted on 5th March 1960.
One or more layers of insulating webs such as roofing felt, are first applied to the base structure, and an external foil of metal or plastic particularly of aluminium, is applied to the top layer.
67364. PECHINEY Compagnie de Produits Chimiques et Electrometallurgiques. Heat exchanger. Accepted on 8th March 1960.
Comprising plurality of distinct tubes situated near and in communication to each other, and each of the multi-tubular sets is in communication with at least one conduit common to series of said sets.
67406. B. B. Lloyd. Gas analysis apparatus. (25th April 1958). Accepted on 4th March 1960.
Characterized in that the reservoir for absorption liquid is adapted to be closed against the atmosphere to provide liquid a closed volume of gas during an analysis.
67771. Shah Engineering Works. Ring spinning frames. Accepted on 5th March 1960.
Comprising a shaft on which is mounted a heart-shaped cam having a rotary motion and capable of moving longitudinally along the shaft and means for returning the cam to its original position.
67828. British Insulated Callender's Construction Company Limited and A. M. Hamilton. Improvements in bolted joints between metal members. Accepted on 26th February 1960.
Wherein the clearance spaces and the bolt holes are substantially completely filled with a cold setting compound which has sufficient compression strengths.
68257. The associated Cement Companies Ltd. A process for the heat treatment of materials in a kiln. Accepted on 9th March 1960.
Carbonaceous matter like coke breeze, boiler ashes, carbonaceous shale, fly-ash or low grade coal and an inorganic compound in the nature of sulphates of alkaline earth metals mixed intimately together and added with cement raw mix composed of calcareous and argillaceous matter or magnesite, or bauxite or copper ore in the kiln.
70758. Merck & Co. Inc. Process for the preparation of 11 β , 17 β , 21-trihydroxy-16 α -alkyl-4-pregnene-3, 20-dione. (26th December 1957). [Divisional date 8th September 1958]. Accepted on 8th March 1960.
Reacting 11-keto-21:21-dihalo-21-alkoxy-alkyl-16-alkylprogesterone with a base in the presence of alkoxy ions.

70759. Merck & Co. Inc. Process for the preparation of 11 β , 17 α , 21-trihydroxy-16 α -alkyl-4-pregnene-3, 20-dione. (26th December 1957). [Divisional date 8th September 1958]. Accepted on 8th March 1960.

Reacting ethylene glycol ketal of 3:11-diketo-16 α -alkyl-5:17(20)-pregnadiene-21-oic acid alkyl ester with a reducing agent.

70760. Merck & Co. Inc. Process for the preparation of 11 β , 17 α , 21-trihydroxy-16 α -alkyl-4-pregnene-3, 20-dione. (26th December 1957). [Divisional date 8th September 1958]. Accepted on 8th March 1960.

Subjecting 16 α -alkylprogesterone to microbial action to form 11-hydroxy-16 α -alkyl progesterone

70761. Merck & Co. Inc. Process for the preparation of 11 β , 17 α , 21-trihydroxy-16 α -alkyl-4-pregnene-3, 20-dione. (26th December 1957). [Divisional date 8th September 1958]. Accepted on 8th March 1960.

Reacting 11-keto-16 α -alkylprogesterone with a base in the presence of alkoxy ions.

Opposition Proceedings

(1)

An opposition has been entered by Dharendra Chandra Bhattacharji trading as Manorama Plastic and Chemical Works, 10A Creek Lane, Calcutta-14, State of West Bengal, India to the grant of an extension of the term of Patent No. 31035 on the petition made by Ganendra Nath Banerji of 9, Blunt Square, Lucknow, Uttar Pradesh, India.

(2)

An opposition has been entered by Rodi & Wienerberger Aktiengesellschaft to the grant of a patent on application No. 63592 made by Collins and Company.

Patents Sealed

62697. 63057. 63063. 63434. 63436. 63438. 63465. 63481. 63490.
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50609.	50611.	53080.	54380.	55737.	55738.	55740.	55749.
55753.	55760.	55768.	55769.				

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent:

47671—Giovanni Mastracchi—Manes.

The patent ceased on the 15th July 1959 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 5th March 1960. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road Calcutta 17 on or before the 30th April 1960.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent:

51278—Loewy Construction Company, Inc.

The patent ceased on the 16th February 1959 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 30th May 1959. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 30th April 1960.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 101054. Ganpat Rai, Resident of Patharwala, Chandni Chowk, Delhi-6, Indian, "Watch cleaning apparatus", September 8, 1959.

Class 1. Nos. 101964 and 101965. Ram Sarup, Indian, trading as "Temco" Industries, Rly. Road, Kapurthala, Punjab, "Non-electric pressure cookers", November 7, 1959.

Class 1. No. 100947. Lakhi Trading Company, (An Indian Partnership Firm), of Building No. 2, Jai Hind Estate, Bhuleshwar, Bombay-2, "A tiffin carrier", August 27, 1959.

Class 1. No. 102199. Bulsara & Co. Pvt. Ltd., Indian Company, 43, Medows Street, Fort, Bombay, "Containers", November 23, 1959.

Class 1. No. 102067. Emile Anthony D'Souza, (An Indian Citizen), 81, Chapel Road, Bandra, Bombay-20, Bombay State, India, "A rack for drying plates and the like", November 14, 1959.

Class 3. No. 102376. Bright Brothers Private Limited, incorporated in India, 156-A, Tardeo Road, City of Bombay, State of Bombay, India, "Boxes", November 27, 1959.

Class 4. Nos. 102551 and 102552. The Anglo Indian Drug & Chemical Co., 192, Khetwadi Main Road, Bombay 4, Indian Company, "Glass bottle", December 8, 1959.

Class 4. No. 102680. Vrajilal Ramji Parekh, an Indian Citizen, trading as: Parekh Perfumery Works, c/o Ramji Gordhan Masalavala, Near Kabutar-khana, Bombay-2, Bombay State, India, "A bottle", December 16, 1959.

Class 5. No. 100923. Waman Nagesh Patil and Moreshwar Sadashiv Samant, trading as Mastani Chuna Works, Mahim, Bombay 16, Indian Subjects, "Label", August 24, 1959.

Class 5. No. 102404. Venus Knitting Company, (An Indian Partnership Firm) of Easwaran Koil Street, Tirupur, South India, "A label", November 30, 1959.

Class 5. No. 102536. Meera Mohideen Labbai Shabardeen, Mynor Rowther Shaick Madar Rowther Shaik Fareeth, Meera Mohideen Labbai Ahmed Labbai Shamsudeen, trading as Mubarak Tea Stores, Mathamarpalayam Middle Street, Melapalaiyam PO (Tirunelveli Dt.), S. India, Muslims subjects of the Indian Republic, "Wrapper", December 7, 1959.

Class 5. Nos. 101244 and 101245. Narayanachar Ranga Rao, Vasu Agarbathy Works, Post Box No. 52, Hundred feet Road, Mysore, Indian subject, "Carton", September 17, 1959.

Class 13. Nos. 102699 to 102710. The Century Spg. & Mfg. Co., Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, "Textile goods", December 19, 1959.

Class 13. Nos. 102880 and 102881. The Khatau Makanji Spg. & Wvg. Co., Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods" December 28, 1959.

Class 13. Nos. 102642 and 102643. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", December 14, 1959.

Class 13. Nos. 102877 to 102879. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", December 28, 1959.

Class 13. Nos. 102807 to 102812. The Ahmedabad Advance Mills, Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", December 26, 1959.

Class 13. No. 102890. H. A. Shah & Co., Partnership Concern, of Vasant Vijay Mills. "Vasant Vijay", 470/471, Worli Road, Bombay-18, (India), "Textile goods", December 29, 1959.

Class 13. Nos. 102478 to 102480. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", December 1, 1959.

Class 13. Nos. 102774 to 102779. The Ahmedabad Advance Mills Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", December 23, 1959.

Class 13. Nos. 102692 to 102696. The Arvind Mills Ltd., Naroda Road, Ahmedabad-2, Indian Company, "Cotton textile fabrics", December 18, 1959.

Class 13. Nos. 102738 to 102740, 102742. The Arvind Mills Ltd., Naroda Road, Ahmedabad-2, Indian Company, "Cotton textile fabrics", December 21, 1959.

Class 13. No. 103112. The Arvind Mills Ltd., Naroda Road, Ahmedabad-2, Indian Company, "Cotton textile fabrics", January 13, 1960.

Class 13. Nos. 102289 to 102296, 102298 to 102312, 102314 to 102328, 102330 to 102334 and 102336 to 102342. The Standard Mills Co., Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, (India), "Textile goods", November 25, 1959.

Class 14. Nos. 102297 and 102313. The Standard Mills Co., Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, (India), "Textile goods", November 25, 1959.

Class 14. Nos. 103109 to 103111. The Arvind Mills Ltd., Naroda Road, Ahmedabad-2, Indian Company, "Cotton textile fabrics", January 13, 1960.

Class 14. No. 102741. The Arvind Mills Ltd., Naroda Road, Ahmedabad-2, Indian Company, "Cotton textile fabrics", December 21, 1959.

Copyright Extended for a Second Period of Five Years

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Design No. 79231, Class 1.
Design Nos. 80865 to 80868, Class 1
Design No. 83636, Class 1.
Design No. 80508, Class 1.
Design No. 84131, Class 3.
Design No. 82683, Class 3.
Design No. 83001, Class 3.
Design No. 83706, Class 3.
Design No. 100926, Class 3.

Design No. 80976, Class 5.

Design No. 81426, Class 5.

Design Nos. 81327 & 81328, Class 5.

Design No. 81612, Class 5.

Design No. 86068, Class 5.

Design No. 81606, Class 5.

Copyright Extended for a Third Period of Five Years

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